PTO/SB/08a (08-03)

Approved for use through 07/31/2005, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Discolor of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection Complete if Known Substitute for form 1449A/PTO Application Number 10/657,309 Filing Date INFORMATION DISCLOSURE 09-08-03 First Named Inventor STATEMENT BY APPLICANT Robin G. Skinner Art Unit 3746

Examiner Name Koczo (Use as many sheets as necessary) Attorney Docket Number TEC1213/C-505 Sheet

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (F Incom)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MK		^{US-} Re. 25,569	05-05-1964	Coron et al.	
		^{US-} 4,089,613	05-16-1978	Babbitt, Jr.	
		^{US-} 4,518,276	05-21-1985	Mitchell, et al.	
		US- 4,685,188	08-11-1987	Goy	
		^{US-} 5,247,738	09-28-1993	Yoshii	
		^{US-} 5,312,234	05-17-1994	Yoshii	
		^{US-} 5,634,781	06-03-1997	Yoshida et al.	
工		^{US-} 6,247,910	06-19-2001	Yokoyama	
V		^{US-} 6,280,154	08-28-2001	Clendenin et al.	
		US-			
		US-	, 		
		US-			

	FOREIGN PATENT DOCUMENTS											
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ (Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°						
·····		***************************************	,	70° W 101 17 M 17 101 101 101 101 101 101 101 101 101								
· · · · · · · · · · · · · · · · · · ·			,									

Examiner		Date	
Signature	/Michael Koczo Jr/	Considered	09/07/2006
	· · · · · · · · · · · · · · · · · · ·	00.20,000	

EXAMINER: Initial if reference considered, whether or not chatlon is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.cog or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Transation is ensured.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	, ,						ATTY DOCKET NO.			APPLICATION NO.		
					J.P.E		TEC1213-01/C-	505	10/6	57.309		
		INFC	RMA	ATION DISCLOSURE	CHEMION -	જો	APPLICANT(S) Robin G. Skinner					
			(0	lse several sheets if necess	ועין	()	FILING DATE		GROUP ART UN	iiT		
					AUG 3 Q 200	انغ	September 8, 2	1				
			_		U.S.	TENT						
*EXAMI		_		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
INITIAL			├					 	- .	IF APPROPE	(MIE	
MX ——			Re. 3	34,297	06/29/1993	Elson		417	372			
			2,66	1,172	12/01/1953	Needham		248	19			
			3,03	9,725	06/19/1962	Kerley, J	Kerley, Jr.		20		•	
			3,14	5,960	08/25/1964	Langdon		248	13			
$\overline{\Psi}$	/		3,74	9,340	07/31/1973	Williams	Williams et al. 248 24					
	U.S. PATENT APPLICATION PUBLICATIONS											
'EXAMI	- 1			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
МВ	,		2001	1/0055536	12/27/2001	Bernardi	et al.	418	55.6			
MK			2001	1/0006603	07/05/2001	Hong et al.		418	55.1			
			!		FORE	IGN PATE	NT DOCUMENTS	•		.		
				DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO	
MK			JP40)2061382A	03/01/1990	Japan					_	
			JP40	77259764A	10/09/1995	Japan						
			JP61	1087994	05/06/1986	Japan		>	Ж			
			JP20	001020881A	01/23/2001	Japan						
Ψ	_		JP20	002021729A	01/2002	Japan						
				OTHER DOCUMEN	ιτ s (Includin	g Author	, Title, Date, Pertinent	Pages, Etc	.)			
	\dashv											
								•				
EXAM	INEF	₹	/Mi	chael Koczo Jr/			DATE CONSIDERED	09/07/200	6		·	
*EXAN	AINE lered	R: Initi	al if re de co	ference considered, whethe py of this form with next corr	r or not citation is	in conform	nance with MPEP 609; Draw	line through	citation if not in c	onformance	and not	

	INFORMATION PIGGLOGIUDE GITATION					ATTY DOCKET NO. TEC1213-01/C-			APPLICATION NO. 10/657,309		
	INF		ON DISCLOSURE everal sheets if necessa			Robin G. Skinner					
		\		,,	1	FILING September 8, 20		GROUP ART	3748-		
				U.\$	3. PATENT	DOCUMENTS					
*EXAMINE	R	DOX	CUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATI		
MK	+	3,785,167		01/15/1974	Sahs		62	296		IDATE	
	1	4,244,680		01/13/1981	Ishizuka d	et al.	418	97			
	1	4,389,171		06/21/1983	Eber et al	l.	418	15			
		4,416,594		11/22/1983	Ichikawa		417	360			
\forall		4,497,615		02/05/1985	GriMth		417	310			
				U.S. PATEN	IT APPLIC	ATION PUBLICATIONS					
*EXAMINE	R	DOC	CUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
				FORE	IGN PATE	NT DOCUMENTS					
		000	CUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO	
MIX		JP1014819	91A	06/1998	Japan	Japan					
		JP2002098	8056A	04/2002	Japan			X			
V		2 755 477	A1	11/15/1997	France						
			OTHER DOCUMEN	чт s (Includin	g Author	, Title, Date, Pertinent	Pages, Etc.))			
EXAMIN	ER	/Mic	hael Koczo Jr/			DATE CONSIDERED	09/07/2006				
*EXAMIN	IER: Initi	ial if reference	ce considered, whether	r or not citation is	in conform	I nance with MPEP 609; Draw	line through ci	itation if not in c	onformance	and not	

	•				ATTY DOCKET NO. TEC1213-01/C-		APPLICATION N 10/6	10. 5 57,309	
	INFO	RMATION DISCLOSURE (Use several sheets if necess		†	Robin G. Skinner				
			,,		FILING September 8, 20		GROUP ART) 748	
. *****	-		U.S	S. PATENT	DOCUMENTS				
"EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
MIK		4,552,518	11/12/1985	Utter		418	55	W FOTTION.	IIATE
1		4,557,677	12/10/1985	Hasegawa	2	418	63		·
		4,767,293	08/30/1988	Caillat et	al.	418	55		
		4,792,288	12/20/1988	Gromoli e	et al.	417	278		
$\overline{\mathbf{V}}$		4,818,198	04/04/1989	Tamura et al. 418			55		
			U.S. PATEN	IT APPLIC	ATION PUBLICATIONS			<u> </u>	
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATI	
			FORE	IGN PATE	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	ATION
		,							
							 		
					<u></u>				
		OTHER DOCUME	NTS (Includin	g Author	r, Title, Date, Pertinent	Pages, Etc.	'		
							<u></u>		
			-,						
EXAMINER	ŧ	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006	i		
*EXAMINE	R: Initia	al if reference considered, whethe de copy of this form with next con	r or not citation is	in conform	nance with MPEP 609; Draw	line through c	itation if not in co	onformance	and not

Copyright 1994-97 LegalStar

					ATTY DOCKET NO. TEC1213-01/C-		APPLICATION N 10/0	NO. /657,309	
 	INF	FORMATION DISCLOSURE (Use several sheets if neces			Robin G. Skinner				
				_	FILING September 8, 20		GROUP ART	3748	
			U./	S. PATENT	T DOCUMENTS				
EXAMINE	ER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
MIR		4,877,382	10/31/1989	Caillat et	t al.	418	55		
		4,992,033	02/12/1991	Caillat et	t al.	418	55.3		
		5,012,896	05/07/1991	Da Costa	3	184	6.16		
		5,055,010	10/08/1991	Logan		417	410		
$\overline{\Psi}$		5,062,779	11/05/1991	Da Costa	ì	418	270		
			U.S. PATE	NT APPLIC	CATION PUBLICATIONS				
*EXAMINE	ER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
						†			
			FORE	EIGN PATE	ENT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	NO
					·				
								1	
								1	
		OTHER DOCUME	ENTS (Includir	ng Author	r, Title, Date, Pertinent I	Pages, Etc	.)		
							-		
								·	
	T								
		,							
EXAMIN	IER	/Michael Koczo Jr/			DATE CONSIDERED	09/07/200	06		
*EXAMII	NER: Ini	nitial if reference considered, wheth- clude copy of this form with next co	er or not citation is	in conform	nance with MPEP 609; Draw	line through c	citation if not in co	onformance	and not

Copyright 1994 LegalStar

P09C/REV04

				ATTY DOCKET NO. TEC1213-01/C-		APPLICATION N 10/6	NO. 657,309	
IN	NFORMATION DISCLOSURE (Use several sheets if neces.			Robin G. Skinner				
				FILING September 8, 20		GROUP ART 3746 €	3748	
		U.f	S. PATENT	T DOCUMENTS				
'EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATI	
MIK	5,110,268	05/05/1992	Sakurai e	et al.	417	410		
	5,114,322	05/19/1992	Caillat et	ı al.	418	55.6		
	5,137,437	08/11/1992	Machida	et al.	418	55.1		
	5,176,506	01/05/1993	Siebel		417	368		
Ψ	5,211,031	05/18/1993	Murayan	na et al.	62	498		
		U.S. PATEN	T APPLIC	CATION PUBLICATIONS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
		FORE	EIGN PATE	ENT DOCUMENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
					1 •			
		1				1		
	OTHER DOCUME	ENTS (Includin	ng Authoi	r, Title, Date, Pertinent	Pages, Etc	,		
EXAMINER	/Michael Koczo Jr/			DATE CONSIDERED 0	09/07/2006			· · · · · · · · · · · · · · · · · · ·
EXAMINER: I	Initial if reference considered, whethe	er or not citation is	in conform	nance with MPEP 609; Draw	/ line through c	citation if not in o	onformance	and not

P09C/REV04

	•	•	•			ATTY DOCKET NO. TEC1213-01/C		APPLICATION N	NO. 6 57.309		
ĺ	INF		IATION DISCLOSURE			APPLICANT(S)	.505 .		1 <u>3 / •3vz</u>		
		(L	Use several sheets if necess	;ary)		Robin G. Skinner FILING DATE		GROUP ART UN	VIT		
<u></u> -						September 8, 2	ſ		3748		
				U.f	S. PATENT	T DOCUMENTS					
'EXAMINER INITIAL			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
MIK		5,21	19,281	06/15/1993	Caillat et	i al.	418	55.6			
		5,22	22,885	06/29/1993	Cooksey		418	96			
		5,22	24,845	07/06/1993	Mangyo	et al.	417	423.13			
		+	40,391	08/31/1993	Ramshan		417	410 R			
V		5,34	45,785	09/13/1994	Sekigami	Sekigami et al. 62 468					
				U.S. PATEN	IT APPLIC	ATION PUBLICATIONS					
*EXAMINER INITIAL			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
					<u> </u>						
					<u> </u>						
		<u> </u>						1			
				FORE	IGN PATE	ENT DOCUMENTS					
	_		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION NO	
						· - -	 	1	120		
_	 	+			 		 			—	
	 	+			 		+				
		 					+ · ·				
							 	 			
		—	OTHER DOCUMEN	NTS (Includin	g Author	, Title, Date, Pertinent	Pages, Etc.	.)	L		
		.)								-	
:											
	\Box										
EXAMINER	8	/1	Michael Koczo Jr/			DATE CONSIDERED	09/07/200	6			
*EXAMINE	R: Initi	al if re ∞ ebu	oference considered, whether py of this form with next com	r or not citation is	in conform	eance with MPEP 609; Draw	line through c	itation if not in co	onformance	and not	

P09C/REV04

		•		<u> </u>		ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309		
	l	INFC	RMATION DISCLOSURI			Robin G. Skinner				
			(our our one on the contract of the contract o	ou.y,		FILING September 8, 2		GROUP ART		
				U.:	S. PATENT	DOCUMENTS				
*EXAM			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
INITIA MI			5,345,970	09/13/1994	Leyderma	an et al.	137	856	IF APPROP	RIATE
-1	+		5,346,375	09/13/1994	Akiyama		418	15		
\dashv	_		5,348,455	09/20/1994	Herrick e		418	63	 	
					ļ			<u> </u>	 	
 	-		5,370,156	12/06/1994	Peracchio		137	856	<u> </u>	
<u>\</u>			5,391,066	02/21/1995	Sawai et a	al. ————————————————————————————————————	418	55.6		
				U.S. PATEN	IT APPLICA	ATION PUBLICATIONS			<u> </u>	
"EXAM INITIA			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
			·							
							1			
							-		 	
	\neg								 	
		J		FORE	IGN PATE	NT DOCUMENTS	1		L	
			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION
	+			-					YES	NO
	\dashv						 			
	\dashv						<u> </u>			
	4				<u> </u>		<u></u>			
	\dashv				<u> </u>					
			OTHER DOCUME	ENTS (Includin	g Author,	, Title, Date, Pertinent	Pages, Etc.)		
				·						
EXAM	INER		/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006	6		
*EXAN	MINER	R: Initia	al if reference considered, wheth de copy of this form with next co	er or not citation is	in conform	ance with MPEP 609; Draw	line through c	itation if not in co	onformance	and not

				ATTY DOCKET NO. TEC1213-01/C		APPLICATION N 10/0	NO. 657,309	
1	NFORMATION DISCLOSURE (Use several sheets if neces			Robin G. Skinner				
	,			FILING September 8, 2		GROUP ART	3748	
		U.S	S. PATENT	DOCUMENTS				
*EXAMINER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS FILING (
MR	5,427,511	06/27/1995	Caillat et	al.	418	55.1	I A THOL	WATE.
	5,474,433	12/12/1995	Chang et al.		418	55.4	_	
	5,487,648	01/30/1996	Alfano et	Alfano et al.		312		
	5,522,715	06/04/1996	Watanab	e et al.	418	55.1		
V	5,531,577	07/02/1996	Hayase e	Hayase et al. 418				
		U.S. PATEN	IT APPLIC	ATION PUBLICATIONS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
				_			-	
•		FORE	IGN PATE	NT DOCUMENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	NO NO
					\			
				v				
	OTHER DOCUME	NTS (Includin	g Author	, Title, Date, Pertinent	Pages, Etc.)	<u> </u>	
XAMINER	/Michael Koczo Jr/			DATE CONSIDERED	09/07/200	5	<u> </u>	
EXAMINER	: Initial if reference considered, wheth	er or not citation is	in conform	nance with MPEP 609; Drav	v line through o	itation if not in c	onformance	and not

Copyright 1994-97 LegalStar

P09C/REV04

·	, ,			ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309		
ſ		CLOSURE CITATION neets if necessary)	Ī	Robin G. Skinner				
	,	you	!	FILING September 8, 20		GROUP ART 3746	3748	
			U.S. PATENT	DOCUMENTS				
EXAMINER	DOCUMENT NU	NUMBER DATE		NAME	CLASS	SUBCLASS	FILING DAT	
MK	5,533,875	07/09/1996	Crum et a	al.	417	368	IF AFFON.	RIATE
\Box	5,579,651	12/03/1996	Sugiyama	a et al.	62	469		
1	5,580,233	12/03/1996	Wakana e	et al.	418	94		
11	5,597,293	01/28/1997	Bushnell (et al.	417	410.3		
$\overline{\mathbf{V}}$	5,597,296	01/28/1997	Akazawa	wa et al. 418 55.1				
		U.S. PAT	rent applic	ATION PUBLICATIONS			<u> </u>	
*EXAMINER INITIAL	DOCUMENT NU	IUMBER DATE	Π	NAME	CLASS	SUBCLASS	FILING DAT	
								VIII 1.1.2
				,				
					<u></u>			
		FO	REIGN PATE	NT DOCUMENTS				
	DOCUMENT NU	UMBER DATE		COUNTRY	CLASS	SUBCLASS	TRANSI	LATION NO
						1		
						1		
					 			
	OTHE	ER DOCUMENTS (Includ	ding Author	, Title, Date, Pertinent I	Pages, Etc.	.)	<u></u>	
								
EXAMINER	/Michael Kocz	zo Jr/		DATE CONSIDERED 0	9/07/2006			
EXAMINER considered	3: Initial if reference considerable convertible form	dered, whether or not citation with next communication to	is in conform	ance with MPEP 609; Draw	line through c	citation if not in co	onformance	and not

Copyright 1994 LegalStar

	,				ATTY DOCKET NO. TEC1213-01/C-5		APPLICATION N 10/6	NO. 65 7, 309	
	INFO	ORMATION DISCLOSURE (Use several sheets if neces			Robin G. Skinner				
		(800 0010121212121212121212121212121212121	Ja.,,		FILING September 8, 20		GROUP ART 3746	3748-	
		·	U.f	S. PATEN	T DOCUMENTS				
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
MK		5,645,408	07/08/1997	Fujio et a	al.	418	55.4		
		5,660,539	08/26/1997	Matsuna	ga et al.	418	55.6		
		5,683,237	11/04/1997	Hagiwara	a ct al.	418	55.2		
		5,695,326	12/09/1997	Oka et al	l.	418	55.1		
V		5,716,202	02/10/1998	Koyama	et al.	418	55.6		
			U.S. PATEN	NT APPLIC	CATION PUBLICATIONS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	<u></u>								
			FORE	EIGN PATE	ENT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	NO
									
							1		
							1		
		OTHER DOCUME	ENTS (Includir	ng Author	r, Title, Date, Pertinent F	⁵ ages, Etc	.)		<u></u>
									
- 									
					- <u> </u>				
EXAMINE	R	/Michael Koczo Jr/			DATE CONSIDERED 0	9/07/2006			
*EXAMINE considerer	ER: Initi d. Incl	ial if reference considered, wheth	ner or not citation is	in conform	nance with MPEP 609; Draw	line through c	sitation if not in c	onformance	and not

		,	•			ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309			
	INF		ATION DISCLOSURE Jse several sheets if neces			APPLICANT(S) Robin G. Skinner					
		1-		Ju.,,		FILING DATE September 8, 2	1	GROUP ART UN	NIT 3748		
				U.	S. PATENT	DOCUMENTS	<u></u>				
*EXAMINER		T	DOCUMENT NUMBER	DATE	T	NAME	CLASS	SUBCLASS	FILING DATE		
MK		5,72	0,601	02/24/1998	Tark et a	d.	417	569			
		5,74	5,992	05/05/1998	Caillat et	al.	29	888.022			
		5,75	2,688	05/19/1998	Campbell	l et al.	248	674			
		5,76	9,126	06/23/1998	Cho		137	856			
V		5,77	2,411	06/30/1998	Crum et a	al.	417	368			
				U.S. PATE	NT APPLIC	ATION PUBLICATIONS					
*EXAMINER			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	_	
						·					
				FORE	EIGN PATE	NT DOCUMENTS					
			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION NO	
							1				
		†					†				
		 					†				
							†				
							†				
			OTHER DOCUME	NTS (Includir	ng Author	r, Title, Date, Pertinent	Pages, Etc.		ļ	\	
EXAMINER	ì	/Mic	chael Koczo Jr/			DATE CONSIDERED 0	9/07/2006				
*EXAMINER considered.	R: Init	ial if refude cor	ference considered, whether	er or not citation is	in conform	nance with MPEP 609; Draw	line through o	itation if not in o	onformance	and not	

P09C/REV04

	INFORMATION PLOOP COURT OF ATION					ATTY DOCKET NO. TEC1213-01/C-			APPLICATION NO. 10/657,309			
İ	INF		ATION DISCLOSURE Use several sheets if necess			Robin G. Skinner				-		
						FILING September 8, 20		GROUP ART	374 8			
				U.!	S. PATENT	T DOCUMENTS				•		
*EXAMINER			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT			
MIK		5,77	72,416	06/30/1998	Caillat et	i al.	418	55.6				
		5,77	75,894	07/07/1998	Kosco, Jr	r.	418	63				
		5,81	10,572	09/22/1998	Yamamo	to et al.	418	55.6				
		5,82	29,959	11/03/1998	Tsubono	et al.	418	55.5				
V		5,86	53,190	06/26/1999	Yamamot	to et al.	418	55.1				
				U.S. PATEN	T APPLIC	CATION PUBLICATIONS						
*EXAMINER INITIAL			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE			
				FORE	IGN PATE	ENT DOCUMENTS						
			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	NO		
			OTHER DOCUMEN	NTS (Includin	g Author	r, Title, Date, Pertinent F	Pages, Etc.	.)				
			·									
EXAMINER	3	/M:	ichael Koczo Jr/			DATE CONSIDERED 0	09/07/2006	i				
*EXAMINE! considered	R: Initi	lal if refude cor	oference considered, whether py of this form with next com	r or not citation is nmunication to ap	in conform	I nance with MPEP 609; Oraw I	line through c	itation if not in or	onformance	and not		

P09C/REV04

	•			ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309		
	INFORMATION DISCLOSURE (Use several sheets if neces			Robin G. Skinner				
				FILING September 8, 20		GROUP ART	3748	
-		U.S	S. PATENT	DOCUMENTS				
*EXAMINER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
MIK	5,913,892	06/22/1999	Kwon		62	296	IF APPROPRI	IMIC
1	5,931,649	08/03/1999	Caillat et	al.	418	55.1		
1	5,931,650	08/03/1999	Yasu et al.		418	55.3		
1	5,947,709	09/07/1999	Koyama et al.		418	55.6		
$\overline{\mathbf{V}}$	5,964,581	10/12/1999	lizuka et	al.	417	410.3		
		U.S. PATEN	NT APPLICATION PUBLICATIONS				·	
'EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
				-				•
		FORE	IGN PATE	NT DOCUMENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	ATION
							· · · · · · · · · · · · · · · · · · ·	
	OTHER DOCUME	NTS (Includin	g Author	, Title, Date, Pertinent I	Pages, Etc.)		
			·				·—	
						,		
EXAMINER	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006			
EXAMINEF considered.	R: Initial if reference considered, whether Include copy of this form with next cor	er or not citation is mmunication to app	in conform	ance with MPEP 609; Draw	line through c	itation if not in o	onformance	and not

	, ,	'			ATTY DOCKET NO. TEC1213-01/C-		APPLICATION N 10/0	NO. 657,309	_
		IATION DISCLOSURE			Robin G. Skinner				
			•		FILING September 8, 20		GROUP ART	3748	
			U.S	S. PATENT	DOCUMENTS	<u>-</u>			
'EXAMINER INITIAL		DOCUMENT NUMBER	DATE	•	NAME	CLASS	SUBCLASS	FILING DAT	
MK	6,00	00,917	12/14/1999	Smerud e	t al.	417	368	tra	TINTE
	6,01	11,336	01/04/2000	Mathis et	al.	310	91		
1	6,02	27,321	02/22/2000	Shim et a	Shim et al.		1		
	6,03	39,551	03/21/2000	Takeuchi	et al.	418	88		
$\overline{\mathbf{V}}$	6,05	50,794	04/18/2000	Noboru ei	t al.	418	55.6		
			U.S. PATEN	NT APPLICATION PUBLICATIONS					
'EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
			FORE	IGN PATE	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO
		OTHER DOCUMEN	ντs (Includin	g Author,	, Title, Date, Pertinent I	Pages, Etc.	.)		
EXAMINER	/M	lichael Koczo Jr/			DATE CONSIDERED 0	9/07/2006			
EXAMINER	a: Initial if re	eference considered, whether	r or not citation is	in conform	ance with MPEP 609; Draw	line through c	itation if not in co	onformance	and not

Copyright 1994 LegalStar

P09C/REV04

				ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309			
11	NFORMATION DISCLOSURE (Use several sheets if neces		ĺ	Robin G. Skinner					
	1000 000			FILING September 8, 20		GROUP ART	374 6		
		U.f	S. PATENT	T DOCUMENTS					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
MK	6,056,523	05/02/2000	Won et al	ı	418	15			
	6,106,254	08/22/2000	Hirooka	Hirooka et al.		55.6			
	6,132,191	10/17/2000	Hugenro	Hugenroth et al.		55.1			
	6,139,291	10/31/2000	Perevozchikov		418	55.1			
Ψ	6,156,106	12/05/2000	Kamata		96	189			
		U.S. PATEN	IT APPLIC	CATION PUBLICATIONS					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
		!							
			<u> </u>						
			<u> </u>						
		FORE	IGN PATE	ENT DOCUMENTS			— ···	•	
	DOCUMENT NUMBER	DATE	L	COUNTRY	CLASS	SUBCLASS	TRANSE YES	LATION NO	
							·		
	OTHER DOCUME	ENTS (Includin	ng Author	r, Title, Date, Pertinent I	Pages, Etc	.)			
							_		
EXAMINER	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006	6		F	
EXAMINER:	: Initial if reference considered, wheth Include copy of this form with next co	er or not citation is	in conform	nance with MPEP 609; Draw	line through	citation if not in c	onformance	and not	

	•	,		******	ATTY DOCKET NO.	1	APPLICATION NO.		
	INF(ORMATION DISCLOSURE	E CITATION		TEC1213-01/C-APPLICANT(S)	505	10/6	657.309	
	•	(Use several sheets if neces			Robin G. Skinner	 r			
					FILING DATE September 8, 20	II.	GROUP ART UN 3746	NIT 3748	!
			U.f	S. PATENT	T DOCUMENTS				
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
MR		6,162,035	12/19/2000	Hayano e	et al.	418	220		
		6,167,719	01/02/2001	Yakumar	ru et al.	62	468		
		6,171,076	01/09/2001	Gannawa	ày	417	350		
1		6,179,589	01/30/2001	Bass et al	l.	418	55.1		
\underline{V}		6,186,753	02/13/2001	Hugenrot	th et al.	418	55.1		
		T	U.S. PATEN	IT APPLIC	CATION PUBLICATIONS	-γ			!
'EXAMINER INITIAL	_	DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING DATE	_
	<u> </u>							ļ	
	<u> </u>			 		 		<u> </u>	
	<u> </u>	<u> </u>			·	 		 	
	<u> </u>			<u></u>		<u> </u>			
 -1		· — —	FORE	IGN PATE	ENT DOCUMENTS			7	
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	NO NO
	<u> </u>								
			!						
		OTHER DOCUME	ENTS (Includin	ng Author	r, Title, Date, Pertinent	Pages, Etc.	.)		
EXAMINER	1	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006	 ;		
EXAMINEI	R: Initi	ial if reference considered, whethe	er or not citation is	in conform	nance with MPEP 609; Draw	/ line through c	citation if not in c	onformance	and not

P09C/REV04

	INFORMATION DISCLOSURE SITATION				ATTY DOCKET NO. TEC1213-01/C-		APPLICATION NO. 10/657,309		
	INFC	ORMATION DISCLOSURE (Use several sheets if necession)			Robin G. Skinner				
	_	·	••	ļ	FILING September 8, 20		GROUP ART	3748	
			U.S	S. PATENT	DOCUMENTS				
'EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
MIK		6,224,356	05/01/2001	Dewar et	al.	418	55.1		
		6,227,830	05/08/2001	Fields et a	al.	418	55.1		
		6,261,073	07/17/2001	Kumazaw	78	418	63		
		6,264,446	07/24/2001	Rajendra	Rajendran et al.		55.6		
$\overline{\Psi}$		6,299,423	10/09/2001	Perevozch	hikov	418	55.1		
			U.S. PATEN	IT APPLIC	ATION PUBLICATIONS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
							,		
									,
			FORE	IGN PATE	ENT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI	LATION NO
	\Box								
						 			
						 			
		OTHER DOCUMEN	NTS (Includin	g Author,	, Title, Date, Pertinent F	Pages, Etc.)	, ,	<u></u>	
				H					
EXAMINER	1	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006			
EXAMINE	R: Initia	al if reference considered, whether	r or not citation is	in conform	ance with MPEP 609; Draw	line through ci	tation if not in cr	onformance	and not

P09C/REV04

		•			ATTY DOCKET NO. TEC1213-01/C-		APPLICATION N 10/0	NO. 657,309	
	INFC	ORMATION DISCLOSURE (Use several sheets if necest		ļ	Robin G. Skinner				
		•	••		FILING September 8, 20		GROUP ART	3748	
			U.f	S. PATENT	DOCUMENTS				
'EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT	
MK		6,305,912	10/23/2001	Svendsen	Svendsen et al.		312		
MK		6,402,485	06/11/2002	Hong et a	Hong et al.		366		
			1						
			U.S. PATEN	IT APPLIC	ATION PUBLICATIONS				_
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS .	SUBCLASS	FILING DAT	
			FORE	IGN PATE	NT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·			
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO
					-				
				<u></u>					
 ,		OTHER DOCUME	NTS (Includin	g Author,	, Title, Date, Pertinent I	Pages, Etc.)		
					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
EXAMINER	}	/Michael Koczo Jr/			DATE CONSIDERED	09/07/2006	5		
'EXAMINEI considered.	R: Initia . Inclu	al if reference considered, whether de copy of this form with next con	er or not citation is mmunication to ap	in conform	ance with MPEP 609; Draw	line through c	itation if not in co	onformance	and not

Copyright 1994-97 LegalStar

P09C/REV04

11.					Docket Number (Optional) TEC1213-01/C-5	505	Application Number 10/657,309		
OIPE	INEQ	RMATION DISCLOSUR	E CITATION		Applicant(s) Robin G. Skinner				
SEP 1 2	.5002 g	w)	.u.,,		Piling Date September 8, 20	03	Group Art Unit	748	
		5 /	U.S	. PATENT	DOCUMENTS				
*EXAMINER	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	DATE
INITIAL								IP APPRO	PRIATE
	<u> </u>								
	<u> </u>				·				
:			:						
-									
			U.S. PATENI	T APPLICA	TION PUBLICATIONS				
*EXAMINER INITIAL	REP	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	
								IF APPRO	PRIATE
							+-	- · - · ·	
							+		
			FOREI	CN DATE	YT DOCUMENTS				
				GNTATE			•	Transi	htlen
	REF	DOCUMENT NUMBER	DATE		COUNTRY (*)	CLASS	SUBCLASS	YES	NO
MK		JP 2001271752A	10/05/2001	Japan	· · · · · · · · · · · · · · · · · · ·				
MK		JP05288171A	11/02/1993	Japan	(*)			J	
			<u></u>						
				<u> </u>			1		
		- <u>.</u>	OTHER D	OCUMENT	rs (Including Author,	Tüle, Date, F	Pertinent Pages, Etc	c.)	
			(*) = Ja ₁	nanese d	ocument together wit	h English	ı lanmıada al	etmet	
			() — Ja	harrose a	Sourion togother wit	Dugusi	. imiguage at	on act	
									
EXAMINE	R	/Michael Koczo Jr/			DATE CONSIDERED 0	9/07/2006			
EXAMINEI not consider	R: Initia	al if citation considered, whether clude copy of this form with nex	r or not citation is in	conformance	e with MPEP Section 609; Dr	aw line thro	ugh citation if not	in conforma	nce and

						Docket Number (Optional) C-505 / TEC12		Application Number 10/657,309			
,	MF	DRIVE	ATION DISCLOSUR (Use several sheets if necess	E CITATION		Applicant(s) Robin G. Skinner			37,307		
	•		~~~\ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Filing Date		Group Art Unit			
- 12	APR	<u>0.70</u>		•		September 8, 2	2003	3	746		
THE STATE OF THE S	3.			U.	S. PATENT	DOCUMENTS					
*EXAMINER INITIAL	1	N N	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE	
										-	
				U.S. PATEN	T APPLICA	TION PUBLICATIONS					
•EXAMINER	KEP		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
			·								
<u>- : -</u>				FORE	IGN PATEN	NT DOCUMENTS					
<u> </u>	REP		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	dation NO	
MK		200	0-205152	07/2000	Japan	(*)			1		
		10-4	061567	03/1998	Japan	(*)		X	7		
$\overline{\mathbf{V}}$		09-0	032752	02/1997	Japan	(*)			✓.		
			·- · · · ·			<u>,</u>					
				OTHER E	OCUMENT	IS (Including Autho	r, Title, Date, P	ertinent Pages, Et	c.)		
			(*) = Japanese pate	ent together with I	English lang	guage abstract					
			•								
EXAMINE	ER	/M:	ichael Koczo Jr/			DATE CONSIDERED	09/07/200	6			
			tation considered, whether copy of this form with next			e with MPEP Section 609;	Draw line thro	igh citation if not	in conform	ance and	